# Phloroglucinol, tris(tert-butyldimethylsilyl) ether

**Other names:** 1,3,5-Benzetriol, 3tbdms derivative
**Inchi:** InChI=1S/C24H48O3Si3/c1-22(2,3)28(10,11)25-19-16-20(26-29(12,13)23(4,5)6)18-21(17
**InchiKey:** KBLMIDMVXSUHLD-UHFFFAOYSA-N
**Formula:** C24H48O3Si3
**SMILES:** CC(C)(C)[Si](C)(C)Oc1cc(O[Si](C)(C)C(C)(C)C)cc(O[Si](C)(C)C(C)(C)C)c1
**Mol. weight [g/mol]:** 468.89

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| log10ws | -2.26 | | Crippen Method |
| logp | 8.839 | | Crippen Method |
| rinpol | 2240.80 | | NIST Webbook |

## Sources

**Crippen Method:** https://www.chemeo.com/doc/models/crippen_log10ws
**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=U352459&Units=SI
**Crippen Method:** http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

**log10ws:** Log10 of Water solubility in mol/l
**logp:** Octanol/Water partition coefficient
**rinpol:** Non-polar retention indices